

LISTING OF THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the Subject Application:

1. (*Currently Amended*) An acid modified dry-milled flour-starch composition comprising a viscosity profile, wherein at a 14.5% solids concentration, a starting temperature of 30°C, and a heating rate increase of 7.5°C/min, the composition at a time 0 through gelatinization undergoes a viscosity increase to a maximum value in the range of between 600 and 1600 BU torque at a time in the range of between 6.5 to 7.2 minutes, followed by a decrease in viscosity to a value in the range of 240 to 640 BU torque at a time of 8.4 minutes, based on a Brabender micro visco amylograph.
2. (*Previously Presented*) The composition of claim 1, wherein the viscosity increases to a maximum value in the range of between 750 and 1350 BU torque.
3. (*Previously Presented*) The composition of claim 2, wherein the viscosity decreases to a value in the range of between 300 to 600 BU torque.
4. (*Previously Presented*) The composition of claim 1, wherein the viscosity increases to the maximum value at a time in the range of between 6.7 to 7.0 minutes.
5. (*Currently Amended*) The composition of claim 1, wherein the acid modified flour starch composition is formed from:
an acid component; and
a flour-starch component having an amount of fat, wherein the amount of the acid component is added, at least in part, relative to the fat percent in the flour-starch component.
6. (*Original*) The composition of claim 5, wherein the acid component is hydrochloric acid.
7. (*Currently Amended*) The composition of claim 5, wherein the flour-starch component is formed from a flour-starch composition selected from the group consisting of dry milled milo flour, dry milled corn flour, and combinations thereof.

8. (*Withdrawn - Currently Amended*) A gypsum slurry formed from the flour-starch composition of claim 1.

9. (*Withdrawn - Currently Amended*) A drywall product formed from a gypsum slurry composition comprising the flour-starch composition of claim 1.

10. (*Currently Amended*) An acid modified dry-milled flour-starch composition comprising:

a viscosity profile, wherein at a 14.5% solids concentration, a starting temperature of 30°C, and a heating rate increase of 7.5°C/min, the composition at a time 0 through gelatinization undergoes a viscosity increase to a maximum value in the range of between 600 and 1600 BU torque at a time in the range of between 6.5 to 7.2 minutes, followed by at least a 40 percent decrease in viscosity at a time of 8.4 minutes, based on a Brabender micro visco-amylo-graph; and

the composition having a protein content of a cereal flour.

11. (*Previously Presented*) The composition of claim 10, wherein the viscosity decreases in the range of between 45 to 65 percent.

12. (*Previously Presented*) The composition of claim 10, wherein the viscosity increases to a maximum value at a time in the range of between 6.7 to 7.0 minutes.

13. (*Currently Amended*) The composition of claim 10, wherein the acid modified flour-starch composition is formed from:

an acid component; and

a flour-starch component having an amount of fat, wherein the amount of the acid component is added, at least in part, relative to the fat percent in the flour-starch component.

14. (*Original*) The composition of claim 13, wherein the acid component is hydrochloric acid.

15. (*Currently Amended*) The composition of claim 13, wherein the flour-starch component is formed from a flour-starch composition selected from the group consisting of dry milled milo flour, dry milled corn flour, and combinations thereof.

16. (*Withdrawn - Currently Amended*) A gypsum slurry formed from the flour-starch composition of claim 10.

17. (*Withdrawn - Currently Amended*) A drywall product formed from a gypsum slurry composition comprising the flour-starch composition of claim 10.

18. (*Currently Amended*) An acid modified dry-milled flour-starch composition comprising a viscosity profile, wherein at a 14.5% solids concentration, a starting temperature of 30°C, and a heating/cooling rate of 7.5°C/min, the composition at a time 0 through gelatinization undergoes a viscosity increase to a maximum value in the range of between 600 and 1600 BU torque at a time in the range of between 6.5 to 7.2 minutes, followed by a decrease in viscosity and a subsequent increase in viscosity at the end of a final holding period to a value that is substantially the same as the maximum value, based on a Brabender micro visco amylograph.

19. (*Previously Presented*) The composition of claim 18, wherein upon gelatinization the viscosity increases to a maximum value in the range of between 750 and 1350 BU torque.

20. (*Original*) The composition of claim 18, wherein at the end of the final holding period the viscosity increases to a value that is within 17 percent of the maximum value.

21. (*Original*) The composition of claim 18, wherein at the end of the final holding period the viscosity increases to a value that is within 11 percent of the maximum value.

22. (*Original*) The composition of claim 18, wherein at the end of the final holding period the viscosity increases to a value that is within 5 percent of the maximum value.

23. (*Previously Presented*) The composition of claim 20, wherein upon gelatinization the viscosity increases to a maximum value at a time in the range of between 1.0 to 2.0 minutes.

24. *(Withdrawn - Currently Amended)* A gypsum slurry formed from the flour-starch composition of claim 18.

25. *(Withdrawn - Currently Amended)* A drywall product formed from a gypsum slurry composition comprising the flour-starch composition of claim 18.

26. *(Previously Presented)* An acid modified dry-milled flour composition, the composition formed by the process comprising:
dry-milling a grain, thus forming a flour;
combining an acid component and the flour to form a mixture;
heating the mixture to a temperature of 85°C or less for a sufficient time effective to obtain the acid modified dry-milled flour composition.

27. *(Previously Presented)* The acid modified dry-milled flour composition of claim 26, wherein the acid component is hydrochloric acid.

28. *(Previously Presented)* The acid modified dry-milled flour composition of claim 26, wherein the flour is formed from a grain selected from the group consisting of milo grain, corn grain, and combinations thereof.

29. *(Previously Presented)* The acid modified dry-milled flour composition of claim 26, wherein the heating is performed at a temperature in the range of 72°C to 85°C.

30. *(Previously Presented)* The acid modified dry-milled flour composition of claim 29, wherein the heating is performed at a temperature in the range of 76°C to 79°C.

31. *(Previously Presented)* The acid modified dry-milled flour composition of claim 26, wherein the heating is performed for a time of 0.5 hours or less.

32. *(Previously Presented)* The acid modified dry-milled flour composition of claim 31, wherein the heating is performed for a time in the range of 0.25 to 0.5 hours.

33. (*Previously Presented*) The acid modified dry-milled flour composition of claim 31, wherein the heating is performed for a time in the range of 0.01 to 0.25 hours.

34. (*Withdrawn - Currently Amended*) A gypsum slurry formed from the flour-starch composition of claim 26.

35. (*Withdrawn - Currently Amended*) A drywall product formed from a gypsum slurry composition comprising the flour-starch composition of claim 26.

36.-45. (*Canceled*)

46. (*Previously Presented*) The composition of claim 18, the composition having a fat content of between 0.95 percent and 1.34 percent.

47. (*Previously Presented*) The composition of claim 1, the composition having a fat content of between 0.95 percent and 1.34 percent.

48. (*Previously Presented*) The composition of claim 47, the composition having a protein content of a cereal flour.

49. (*Previously Presented*) The composition of claim 26, the composition having a fat content of between 0.95 percent and 1.34 percent.

50. (*Currently Amended*) An acid modified dry-milled flour-starch composition formed from the group consisting of dry milled milo flour, dry milled corn flour, and combinations thereof, comprising a viscosity profile, wherein at a 14.5% solids concentration, a starting temperature of 30°C, and a heating rate increase of 7.5°C/min, the composition at a time 0 through gelatinization undergoes a viscosity increase to a maximum value in the range of between 600 and 1600 BU torque at a time in the range of between 6.5 to 7.2 minutes, followed by a decrease in viscosity to a value in the range of 240 to 640 BU torque at a time of 8.4 minutes, based on a Brabender micro visco amylograph.